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| In re l | U.S. Patent | Application of |) . | | | | |
| TAKE | ESHITA et : | al. |) Uni | t 1641 | | | |
| Applio | cation Num | ber: 10/774,613 |) | | | | |
| Filed: | February | 10, 2004 |) | | | | |
| For: | | OR GPCR ASSAY WITH A SEED G α PROTEIN |) | | | | |
| ATTO | RNEY DOCK | ET No. HIRA.0141 |) | | | | |
| for | rable Assist Patents ington, D.C | ant Commissioner . 20231 | | | | | |
| | | <u>LETT</u> | <u>ER</u> | | | | |
| Sir: | | | | | | | |
| | The below-id | entified communications are submit | ed in the above-captioned | application or proceeding: | | | |
| | () | Priority Document Notice of Priority Response to Missing Parts with executed declaration | () Verified English(X) Information Dist() Notice of Relate() Check for \$ | closure Statement w/refs | | | |
| Ø | The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. § 1.16 and 1.17 or credit any overpayment to Deposit Account Number 08-1480 . A duplicate copy of this sheet is attached. | | | | | | |
| × | | | Respectfully subm | itted, | | | |
| | | | Stanley P. Fisher Registration Numb | per 24,344 | | | |
| | SMITH L | | Juan Carlos A. Ma Registration Nural | | | | |
| Suita 1 | | | | | | | |

Suite 1400

Falls Church, Virginia 22042 (703) 641-4200

May 18, 2004

| In re U.S. Patent Application of |) |
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| TAKESHITA et al. |)) Unit 1641 |
| Application Number: 10/774,613 |) |
| Filed: February 10, 2004 |) |
| For: Method for GPCR Assay with a Coexpressed G α Protein |) |
| ATTORNEY DOCKET NO. HIRA.0141 |) |

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

CERTIFICATION

This Information Disclosure Statement is submitted after three months of the filing date but prior to the mailing date of the first Office Action of the above-captioned U.S. patent application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

Stanley P. Fisher

Registration Number 24,344

Juan Carlos A. Marquez

Registration No. 34,072

REED SMITH LLP

3110 Fairview Park Drive Suite 1400 Falls Church, Virginia 22042 (703) 641-4200 **May 18, 2004**

| Form PTO 1449 U.S. Department of Commerce | | | ATTY. DOCKET | ATTY. DOCKET NUMBER HIR A 0141 | | SERIAL NUMBER 10/774,613 | | | | |
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| | Patent and | l Trademark Office | Takeshita e | t al | | | | | | |
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| Fukui et al., "Molecular Cloning of the Human Histamine H1 Receptor Gene", Biochemical and Biophysical Research Communications, Vol. 201, No. 2, (June 15, 1994), pp. 894-901 | | | | | | | | nd | | |
| | | Murakami et al., "Hu | man Histamine l | 12 Receptor Gene: Multi | ple Transo | ription I | nitiation and | Tissue- | | |
| | 1 | | , Federation of E | uropean Biochemical So | cieties, FE | BS Lette | ers 451 (1999 |), pp. 327- | | |
| | • | 331 | | | | | | | | |
| | J | Nakamura et al., "Importance of N-Terminal Regions of G Protein α Subunits for the Activation of Phospholipase C in Xenopus Oocytes", J. Biochem, Vol. 120 (1996), pp. 996-1001 | | | | | | | | |
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| | | | | evelopment: Method for I | | | | erse | | |
| Pharmacology", Institute of Basic Medical Science, pp. 821-826 with Eng Hayashi et al., "Receptor, Ion Channel, Transporter: Analysis of Receptor | | | | | | | | 73 with | | |
| - | | English translation. | proi, ion Chaille | ., Transportor. Futarysis (| . recepte | 1410100 | ato . 1 p. 54*. | o, willi | | |
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